



**YEAR 5 AUTUMN TERM 1**  
**MEDIUM TERM PLAN**

**MATHEMATICS**

**Multiplication, Division and Fractions**

**The children will:**

Identify multiples and factors  
Know and use the vocabulary of prime numbers  
Written multiplication including long multiplication  
Multiply and divide numbers mentally  
Written division including with remainders  
Multiply and divide whole numbers and decimals by 10, 100, 1000  
Recognise and use square and cube numbers  
Compare and order fractions  
Add and subtract fractions  
Identify, name and write equivalent fractions  
Recognise mixed numbers and improper fractions and convert one to the other  
Multiply proper fractions and mixed numbers by whole numbers  
Read and write decimals as fractions  
Recognise and use thousandths and relate them to tenths hundredths and decimal equivalents  
Round decimals with two decimal places  
Read write order and compare numbers with up to three decimal places  
Recognise the per cent symbol  
Understand per cent  
Write percentages as a fraction and as a decimal

**Basic Skills**

The children will:

Complete basic skills that relate to all the above

**MATHEMATICS - CONTINUOUS SKILLS**

**The children will:**

Solve number & practical problems that relate to Autumn 1 and use rounding to check answers  
Solve +/- multistep problems in contexts, deciding which operations to use and why  
Solve problems involving number up to 3 dec. places  
Solve problems involving  $\times/\div$  including using knowledge of factors, multiples, squares & cubes  
Solve problems involving  $+/-\times/\div$   
Solve problems involving  $\times/\div$ , including scaling by simple fractions and problems involving simple rates  
Solve problems which require knowing % & decimal equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $1/5$ ,  $2/5$ ,  $4/5$  & those fractions with a denominator of a multiple of 10 or 25

**ENGLISH**

**Legends**

**The children will:**

Read and make comparisons between different versions of the same legend  
Retell a legend orally  
Identify different features of legends  
Discuss and investigate the effect of different techniques used by the author  
Explore and empathise with characters through drama activities  
Write a new version of a legend, identifying their audience and adapting their writing to suit this audience  
Reflect critically on writing and edit and improve it  
Plan, draft, edit and review

**SPELLING**

Revision of Year 3 and Year 4  
Endings cious or -tious

**ENGLISH**

**Poetry - Poetic Style, Free Verse**

**The children will:**

Hear, read, and respond to a range of poems in a variety of ways from two contrasting writers  
Identify and display the features of free verse poetry  
Explore some of the many elements and features of these poems which constitute the writer's distinctive style, including language effects, pattern and form, subjects, themes and meaning  
Practice writing a similar free verse poem to a common subject or theme to allow ongoing comparisons, discussion and evaluation  
Write their own free verse poems, inspired by those they have read, and borrowing, melding and adapting elements and features from these in order to begin to develop a style of their own  
Plan, draft, edit, improve and review their writing

**GRAMMAR AND PUNCTUATION**

**Ongoing**

**Sentence**

Relative clauses beginning with who, which, where, when, whose that, or an omitted relative pronoun  
Indicating degrees of possibility using adverbs (perhaps, surely) or modal verbs (might, should, will, must)

**Text**

Devices to build cohesion within a paragraph (then, after that, this, firstly)  
Linking ideas across paragraphs using adverbials of time (later) place (nearby) and number (secondly) or tense choices (he had seen her before)

**Punctuation**

Brackets, dashes, commas to indicate parenthesis  
Use of commas to clarify meaning or avoid ambiguity

**FOUNDATION**  
**SUBJECTS**

**RE COME AND SEE**

**Baptism/Confirmation - Belonging, Life Choices** - Marriage, commitment and service

**Other Faith Week - Judaism**

**Advent/Christmas - Loving, Hope** - waiting in joyful hope for Jesus; the promised one

**PE**

**Swimming**

**The children will be taught by swimming instructors to:**

swim competently, confidently and proficiently over a distance of at least 25 metres

use a range of strokes effectively such as front crawl, backstroke and breaststroke  
perform safe self-rescue in different water-based situations

**MUSIC**

**Classroom Jazz 1**

**The children will:**

Learn to sing songs from memory

Improvise and perform using their voices

Evaluate their voices and their singing

Play instrumental parts within songs

Improvise, compose and perform using instruments

Evaluate their composing and performance

**SCIENCE**

**Forces**

**The children will:**

Explain that unsupported objects fall towards Earth because of the force of gravity

Identify the effects of air & water resistance and friction

Understand that force and motion can be transferred

through devices such as gears, pulleys & levers

**Working Scientifically:**

**The children will:**

Plan different types of enquiry to answer questions

Control variables where necessary

Measure with increasing accuracy and precision using a range of equipment

Record data and results of increasing complexity using scientific diagrams, labels, keys, tables and graphs

Use test results to make predictions and set up further tests

Report & present findings, including conclusions & explanations in results

Identify scientific evidence used to support or refute ideas or arguments

**COMPUTING**

**Coding Starter**

**The children will:**

Combine start & click events to make a simple game

Program an object to change direction; move another object; sequence of actions & make simple animation

Use conditional 'if'/'if hit' statements & variables to keep track of the score

Use a loop to make space animation

**DT**

**Structures**

**The children will:**

Understand what structures are and how to make them stronger, stiffer and more stable

Experience measuring, marking out, cutting, joining, shaping and finishing techniques

Generate ideas and designs focusing on the needs of the user and using annotated sketches to develop, model and communicate ideas.

Order the stages of making; select and use appropriate tools and finishing techniques.

Investigate and analyse a range of existing frame structures

Evaluate their ideas and products.

**GEOGRAPHY**

**&**

**ART**

**Autumn 1**

**HISTORY**

**How do we use ancient Greek ideas today?**

**The children will:**

Identify many English words have Greek origins

Investigate similarities/differences between the Greek and our alphabet; our schools and ancient Greek schools

Find out about Greek architecture & its influence on our buildings; how Greek scholars have contributed to our understanding of the world

Compare ancient and modern Olympics